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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3

**Complete if Known**

Application Number	10/762,278
Filing Date	23 January 2004
First Named Inventor	Paul C. Brantner
Art Unit	2834
Examiner Name	M. Budd
Attorney Docket Number	014.2003

**U. S. PATENT DOCUMENTS**

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
7/15		US- 3,559,027	01-26-1971	Arsem	
		US- 3,940,637	02-24-1976	Ohigashi et al.	
		US- 3,976,899	08-24-1976	Fanshawe	
		US- 4,127,424	11-28-1978	Ullery, Jr.	
		US- 4,226,924	10-07-1980	Kimura et al.	
		US- 4,239,974	12-16-1980	Swander et al.	
		US- 4,320,477	03-16-1982	Baumgartner	
		US- 4,360,860	11-23-1982	Johnson et al.	
		US- 4,523,261	06-11-1985	West	
		US- 4,612,472	09-16-1986	Kakizaki et al.	
		US- 4,701,835	10-20-1987	Campagnuolo et al.	
		US- 4,943,752	07-24-1990	Todd et al.	
		US- 5,039,928	08-13-1991	Nishi et al.	
		US- 5,065,067	11-12-1991	Todd et al.	
		US- 5,092,243	03-03-1992	Hawkins et al.	
		US- 5,552,656	09-03-1996	Taylor	
		US- 5,838,138	11-17-1998	Henty	
		US- 6,198,205 B1	03-06-2001	Oberlin et al.	
	US- 6,307,142 B1	10-23-2001	Allen et al.		

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
N/A		EP 0 673 102 A	09-20-1995	Metravib SA		✓
		GB 2 095 053 A	09-22-1982	Brevetor SA		
		JP 07-114437 A	05-02-1995	Sharp KK		✓
		JP 09-139139 A	05-27-1997	NEC Software Kansai Ltd		✓
		JP 10-283870 A	10-23-1998	Otsuka Giken Kogyo KK		✓
		JP 63-310336 A	12-19-1988	Yashima Denki KK		✓

Examiner  
Signature

M. Budd

Date  
Considered

6-26-06

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

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Approved for use through 07/31/2008. OMB 0651-0031

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**Complete if Known**

<b>Application Number</b>	10/762,278
<b>Filing Date</b>	23 January 2004
<b>First Named Inventor</b>	Paul C. Brantner
<b>Art Unit</b>	2834
<b>Examiner Name</b>	M. Budd
<b>Attorney Docket Number</b>	014.2003

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
MS ↓		JP 2001-154783 A	06-08-2001	Sony Corp.		✓
		JP 2001-327197 A	11-22-2001	Daimon Bussan KK		✓
		JP 2002-218769 A	08-02-2002	Seiko Epson Corp.		✓

MARK U. BOSS  
JUNIOR EXAMINER

Examiner Signature	<i>[Signature]</i>	Date Considered	6-26-06
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Sheet	3	of	3	Attorney Docket Number	014.2003

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**MARK U. BLUM**  
**PRIMARY EXAMINER**

Examiner Signature	<i>M. B. Smith</i>	Date Considered	6-26-06
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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